

**CLAIMS**

1. An apparatus, comprising:

an array of carbon nanotubes; and

an electronic controller to direct emissions of the carbon nanotubes.

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2. The apparatus of claim 1, wherein:

the array of carbon nanotubes includes a read tube and a tracking tube.

3. The apparatus of claim 1, wherein:

10 the array of carbon nanotubes includes a read tube and a write tube.

4. The apparatus of claim 1, wherein:

the array of carbon nanotubes includes a write tube and a tracking tube.

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5. The apparatus of claim 1, wherein:

the electronic controller controls electrons within heads containing the carbon nanotubes.

6. A method of operating a carbon nanotube head with a disk having tracks, comprising:

locating the carbon nanotube head at a desired track at a rough precision;

20 determining an offset for a read head based on the desired track; and

tracking the track through the read head using the offset.

7. The method of claim 6, further comprising:

feeding back an indication of a location of the desired track at a fine precision; and

25 adjusting the offset responsive to the feeding back; and

adjusting a location of the carbon nanotube head responsive to the feeding back.

8. The method of claim 6, further comprising:

reading from the desired track.

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9. The method of claim 6, further comprising:

writing to the desired track.

10. The method of claim 6, further comprising:  
receiving an indication of the desired track.
11. That which is described and equivalents thereof.